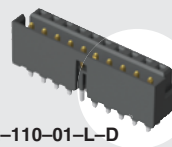


(2,00 mm) .0787"

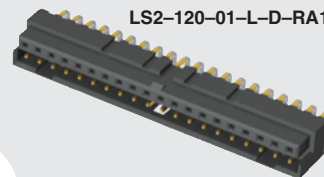
LS2-110-02-L-D



LS2-110-01-L-D



LS2-120-01-L-D-RA1



LS2 SERIES

SELF MATING HERMAPHRODITIC STRIP

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?LS2

Insulator Material:
Black Liquid Crystal Polymer

Contact Material:
Phosphor Bronze

Plating:
Au or Sn over 50µ" (1,27 µm) Ni

Current Rating:
3.2 A per pin
(6 adjacent pins powered)

Voltage Rating:
475 VAC mated with LS2

Operating Temp Range:
-55°C to +125°C

Insertion Force:
(Single contact only)
4 oz (1,11 N) avg.

Withdrawal Force:
(Single contact only)
3 oz (0,83 N) avg.

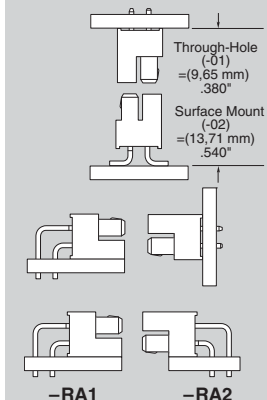
RoHS Compliant:
Yes

Processing:
Lead-Free Solderable:

Yes
SMT Lead Coplanarity:
(0,15 mm) .006" max

Mates with:
LS2

APPLICATION



Shrouded Terminals

Align & Latch™

Polarized



(2,00 mm)
.0787"
pitch

LS2

1

NO. PINS
PER ROWLEAD
STYLEPLATING
OPTION

D

TAIL
OPTION

OPTION

05, 10, 15,
20, 25, 30

-01
= Through-hole

-02
= Surface Mount

-F
= Gold flash on contact,
Matte Tin on tail

-L
= 10µ" (0,25 µm) Gold
on contact, Matte Tin on tail

-01 only

-RA1
= Right Angle
(Shroud Down)

-RA2
= Right Angle
(Shroud Up)

-K
= (6,30 mm)
.248" DIA
Polyimide
Film Pick &
Place Pad
(-02 only)

-TR
= Tape
& Reel
Packaging

RECOGNITIONS

For complete scope of
recognitions see
www.samtec.com/quality



FILE NO. E111594

ALSO AVAILABLE (MOQ Required)

- Alignment pin
 - Other platings
 - Other stack heights
- Contact Samtec.

Note: Some lengths,
styles and options are
non-standard, non-returnable.

